ABSTRACT

A intra-oral laser digitizer system provides a three-dimensional visual image of a real-world object such as a dental item through a laser digitization. The laser digitizer captures an image of the object by scanning multiple portions of the object in an exposure period. The intra-oral digitizer may be inserted into an oral cavity (in vivo) to capture an image of a dental item such as a tooth, multiple teeth or dentition. The captured image is processed to generate the three-dimension visual image.